

ABSTRACT OF THE DISCLOSURE

A stochastic processor of the present invention comprises a fluctuation generator (15) configured to output an analog quantity having a fluctuation, a fluctuation difference calculation means (401) configured to output fluctuation difference data with an output of the fluctuation generator added to analog difference between two data, a thresholding unit (47) configured to perform thresholding on an output of the fluctuation difference calculation means to thereby generate a pulse, and a pulse detection means configured to detect the pulse output from the thresholding unit.